

Replacement Specification – Clean Copy  
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**FIG. 11** is a schematic view of an embodiment of an air vent of a valve element in an open position;

**FIG. 12** is a schematic view of an embodiment of an air vent of a valve element in an open position;

**FIG. 13** is a plot of the area of outlet vs. number of turns of valve element of FIG. 12;

**FIG. 14** is a schematic view of an embodiment of an air vent of a valve element in an open position;

**FIG. 15** is a plot of flow rate vs. time showing a discontinuous flow rate;

**FIG. 16** is a plot of flow rate vs. time for a continuous flow rate;

**FIG. 17** is a cross-sectional view of another embodiment of an air-vented liquid valve in a closed position;

**FIG. 18** is a cross-sectional view of the valve of FIG. 17 in the open position;

**FIG. 19** is a cross-sectional view of another embodiment of an air-vented liquid valve in a closed position;

**FIG. 20** is a cross-sectional view of the valve of FIG. 19 in an open position; and

**FIG. 21** is an end view of a valve element of the valve of FIG. 19.

#### **DETAILED DESCRIPTION OF THE INVENTION**

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